



SEQUENCE LISTING

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<120> METALLOPROTEINASE INHIBITOR

<130> 06843.0009-08000

<140> 08/803,954

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<151> 1994-03-11

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<151> 1993-07-06

<150> 07/710,728

<151> 1991-06-03

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<151> 1990-03-29

<150> 07/355,027

<151> 1989-05-19

<160> 36

<170> PatentIn Ver. 2.0

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<213> Bos taurus

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20 25 30

His Pro Gln Gln Ala Phe Cys Asn Ala Asp Ile Val Ile Arg Ala Lys  
35 40 45

Ala Val Asn Lys Lys Glu Val Asp Ser Gly Asn Asp Ile Tyr Gly Asn  
50 55 60

Pro Ile Lys Arg Ile Gln Tyr Glu Ile Lys Gln Ile Lys Met Phe Lys  
65 70 75 80

Gly Pro Asp Gln Asp Ile Glu Phe Ile Tyr Thr Ala Pro Ala Ala Ala  
85 90 95

Val Cys Gly Val Ser Leu Asp Ile Gly Gly Lys Lys Glu Tyr Leu Ile  
100 105 110

Ala Gly Lys Ala Glu Gly Asn Gly Asn Met His Ile Thr Leu Cys Asp  
115 120 125

Phe Ile Val Pro Trp Asp Thr Leu Ser Ala Thr Gln Lys Lys Ser Leu  
130 135 140

Asn His Arg Tyr Gln Met Gly Cys Glu Cys Lys Ile Thr Arg Cys Pro  
145 150 155 160

Met Ile Pro Cys Tyr Ile Ser Ser Pro Asp Glu Cys Leu Trp Met Asp

165 170 175

Trp Val Thr Glu Lys Asn Ile Asn Gly His Gln Ala Lys Phe Phe Ala

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20 25 30

His Pro Gln Gln Ala Phe Cys Asn Ala Asp Val Val Ile Arg Ala Lys  
35 40 45

Ala Val Ser Glu Lys Glu Val Asp Ser Gly Asn Asp Ile Tyr Gly Asn  
50 55 60

Pro Ile Lys Arg Ile Gln Tyr Glu Ile Lys Gln Ile Lys Met Phe Lys  
65 70 75 80

Gly Pro Glu Lys Asp Ile Glu Phe Ile Tyr Thr Ala Pro Ser Ser Ala  
85 90 95

Val Cys Gly Val Ser Leu Asp Val Gly Gly Lys Lys Glu Tyr Leu Ile

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105

110

Ala Gly Lys Ala Glu Gly Asp Gly Lys Met His Ile Thr Leu Cys Asp

115

120

125

Phe Ile Val Pro Trp Asp Thr Leu Ser Thr Thr Gln Lys Lys Ser Leu

130

135

140

Asn His Arg Tyr Gln Met Gly Cys Glu Cys Lys Ile Thr Arg Cys Pro

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155

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Met Ile Pro Cys Tyr Ile Ser Ser Pro Asp Glu Cys Leu Trp Met Asp

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175

Trp Val Thr Glu Lys Asn Ile Asn Gly His Gln Ala Lys Phe Phe Ala

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Cys Ile Lys Arg Ser Asp Gly Ser Cys Ala Trp Tyr Arg Gly Ala Ala

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Pro Pro Lys Gln Glu Phe Leu Asp Ile Glu Asp Pro

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215

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<213> Bos taurus

<400> 10

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<213> Bos taurus

<400> 11

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Ala Leu Leu Tyr Arg Tyr Leu Ile Lys Met Leu Lys Met Pro Ser Gly  
35 40 45

Phe

<210> 12

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<212> PRT

<213> Homo sapiens

<400> 12

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20 25 30

Thr Leu Tyr Gln Arg Tyr Glu Ile Lys Met Thr Lys Met Tyr Lys Gly  
35 40 45

Phe

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<212> PRT

<213> Bos taurus

<400> 13

Cys Thr Cys Val Pro Pro His Pro Gln Thr Ala Phe Cys Asn Ser Asp  
1 5 10 15

Val Val Ile Arg Ala Lys Phe Val Gly Thr Ala Glu Val Asn Glu Thr  
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Ala Leu Leu Tyr Arg Tyr Leu Ile Lys Met Leu Lys Met Pro Ser Gly

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Phe

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Ile Val Ile Arg Ala Lys Ala Val Asn Lys Lys Glu Val Asp Ser Gly

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Asn Asp Ile Tyr Gly Asn Pro Ile Lys Arg Ile Gln Tyr

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<212> DNA

<213> Bos taurus

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<213> Bos taurus

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<213> Bos taurus

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gaacttggcc tggtgtccgt tgatgttctt ctccgtgacg tccatcca 48

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<213> Bos taurus

<400> 20

cgcctcacag cccatctgggt acctgtggtt caggctcttc ttctgggtgg c 51

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<210> 23

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:

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<210> 29

<211> 60

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<210> 30

<211> 60

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:

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<211> 41

<212> DNA

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<210> 33

<211> 55

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:  
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<210> 34

<211> 49

<212> DNA

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<212> DNA

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<211> 156

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ccattgctgt agatgccatt gggctagttt tcctag 156